

SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Re-use of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Club meetings are held on the second Thursday of the month at 7:00 PM except April, July, and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

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*If you need him
get in there and*



Gary Apgar, NY6Y SK

"A gentleman's name should appear in the newspaper only three times: When he's born, when he marries, and when he dies. And we are, first and foremost, gentlemen." (Kingsman 2004).

We searched the web for information about Gary and found virtually nothing. Like the movie quote above Gary was a little known commodity however he was known to us. He was a peaceful, calm, caring, loveable guy who was approachable, humble, and first and foremost, a gentleman. The picture below shows Gary at one of the club holiday parties at the Reef in 2011 ... so long ago! He is seated with his family, not of flesh and blood, but his lifelong friends.

It has been an honor to know you Gary, to spend time with you chatting about the hobby we love. May you rest in peace good and faithful servant.

73

SK



At our age we see many friends go before us. What is harder is mourning those still living that you see diminishing before your eyes. Remember to let them know how their friendship affected your life. How just seeing them had profound influence on how you lived and what you did. Let them know now. Tomorrow you may not get the chance.



Bob Heil, K9EID SK

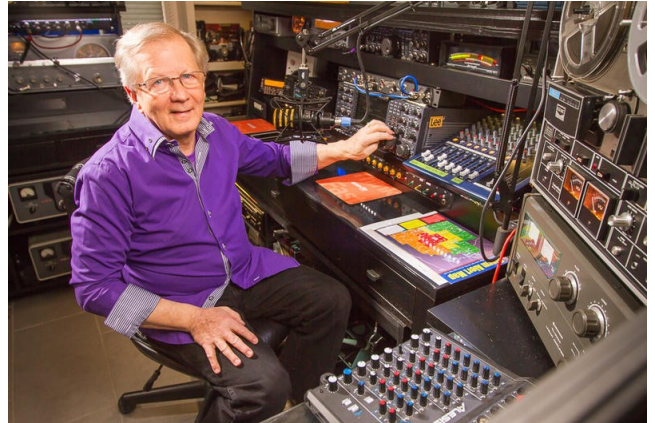
K9EID, Robert G. "Bob" Heil, passed away on February 28 after a one-year fight with cancer. Heil was an accomplished theater organ musician as a teenager. In his mid to late teens and early college years, became a theater organ designer and tuner while continuing to perform professionally. After college, Heil began a career as a professional audio engineer, designing sound systems for some of the world's most iconic rock and roll performers and groups, including WB6ACU, Joe Walsh; Peter Frampton, The Grateful Dead, and The Who. Among his technological innovations are the Heil Talk Box, the Mavis, and a quadraphonic sound mixer. W3MMM, Jay Horman, wrote on Facebook, "It was fun to spend time at the kiosk showcasing his work at the Rock and Roll Hall of Fame [in Cleveland, Ohio]."

A ham since age 13 and an early moonbounce innovator, Heil decided in the 1980s to devote full time to designing and selling amateur radio products - microphones, headsets, equalizers, and other station accessories. His headsets are ubiquitous in DX and contest station the world over. He later returned to professional audio, designing home theater systems and studio-grade microphones and other audio equipment. He won numerous amateur radio and industry awards, as well as an honorary doctorate in music and technology from the University of Missouri.

[Bob Heil Obituary](#)

[Bob Heil ARRL Appreciation](#)

(Editor's note: We lost a great ham and friend)

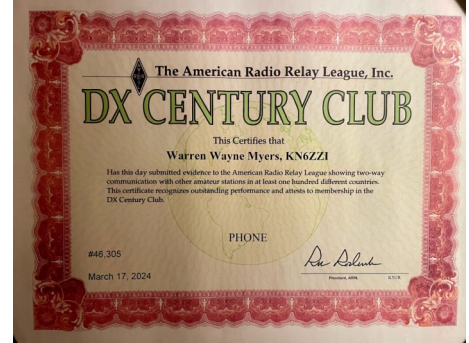


KN6ZZI DXCC!!!

Meet our newest full member, Warren Myers, KN6ZZI. We approached Wayne on the DXChat discord server. Over the past few months he has been very active, working loads of DX and engaging with people on the chat. He became fast friend and fellow a DXer to everyone there. When asked to join SCDXC he quickly agreed. At the same time the board was looking for a 2024 Clipperton Award recipient. Warren had not completed DXCC. In fact, he only had about 80 confirmed. When we asked how close he was he said he had about 10 more he could put together which included cards. He then went to work. In a little over a week he had 100 confirmed on LoTW. Now that is impressive! He has been upgraded to full member and now qualifies for the Clipperton Award!



"As a child, I was fascinated by wireless communications. I operated and tinkered with CB and tube AM radios. At the age of 12, I wrote a report on Guillermo Marconi. Now retired, I spend most of my time on my amateur radio hobby. I was licensed in May of 2023, and passed the General and Extra exams in June, 2023 and March 2024. During this time, I built a world-capable radio station at my home on the bluffs of Santa Barbara. My QTH and modest station (SteppIR Urban Beam, Elecraft KPA500, Yaesu FTdx101D), have enabled me to work over 140 DX entities and complete LoTW QSLs with 110.



When I'm not working DX and contests, I serve on the board of First Presbyterian Church of Santa Barbara. This past June, I joined the Santa Barbara Amateur Radio Club (SBARC), and have made friends and developed my radio operation and infrastructure skills as a result. Recently, my skills for strategy and inter-organizational relationship development were noticed by SBARC and the Santa Barbara Wireless Foundation as I was nominated to serve as an independent board member. In March, Bill Kendrick invited me to join the Southern California DX Club. I was excited by this invitation and it spurred me to complete/apply for my ARRL DXCC award. I look forward to contributing both to SBARC's and SCDXC's mission as and where my skills proved useful."

Equally impressive is his resume. Here is a synopsis:

- Graduated UC Santa Barbara in 1984 with BA, Biology, focus on molecular immunology.
- Spent six years studying and developing cancer immunotherapies at Becton Dickinson
- Accepted a research faculty position at Indiana University's Hematology-Oncology Section, running the bone marrow transplantation laboratory.
- Joined Bayer's fledgling biotechnology division in Berkeley.
- Completed Pepperdine University's Master of Science, Technology Management program.
- Recruited by Amgen, at that time a small biotechnology company, to aid in the design and growth of its R&D organization.
- Became an internationally recognized leader in the Biopharmaceuticals R&D working with many major corporations.



No April Club Meeting

See You in Visalia at the:
2024 International DX Convention!
Come Join Us!
2024 Dues

We have purged the roster and ClubLog of all non-paying members. If you paid then don't worry about it. If you do not know please email:

treasurer@scdxc.org

and he will check. If you know you haven't paid then please do so soon!

Here are the unpaid heroes:

AE6ZB	K7MY	KR6C	SM5GMZ
K4SX	KC6CQD	KS6F	W6GEZ
K6GXO	KF6I	N3BKV	W6VNI
K6JSP	KJ6GKS	N6DD	W6VX
K6MKL	KO6MD	N6PCD	
K6RIY	KQ6K	N7NR	

. You can go to our website to renew your membership:

<http://www.scdxc.org/membership.html>

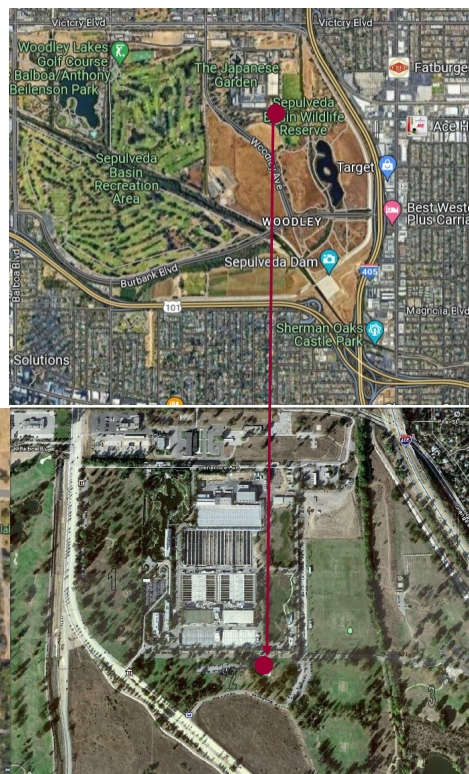
2024 SCDXC Picnic **Saturday June 15, 2024 at 12:00 pm**

The SCDXC Picnic is going to be held at Woodley Park in Van Nuys. The picnic is free to members and their families. We will have hamburgers, chicken, hotdogs, and drinks provided by the club. We encourage everyone to bring side dishes, desserts etc. to share.

Location: Woodley Park Grove 2 just south of the Donald C. Tillman Water Reclamation Plant entrance.

From the south exit the 405 Fwy at Burbank this is the first exit past the 101 Fwy. Turn left (West) onto Burbank, travel about 3/4 mile to Woodley Ave. Turn Right at the stoplight and go North about .65 Mile turn at the sign that says Cricket Complex and Archery Range. First Right into Pkg Lot (.1 m).

From the north exit the 405 Fwy at Burbank. Turn right (West) onto Burbank, travel about 3/4 mile to Woodley Ave. Turn Right at the stoplight and go North about .65 Mile turn at the sign that says Cricket Complex and Archery Range. First Right into Pkg Lot (.1 m).



2024**Board of Directors**President

Howard Elovitz, W6FL

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From the Desk of the President

Howard Elovitz, W6FL

I want to thank Tom Simpson, System Integration Engineer at SolarEdge for our March presentation and discussion on RFI elimination in Solar Systems. It was nice to see solar companies working toward RFI elimination in their systems. I hope you have registered for the 75th Annual International DX convention in Visalia. April 12,13,14. Looking forward to the presentations, discussions and winning a raffle prize.

Reminder our next in person meeting will be May 9th. Doug K1DG will give an EME presentation. More to follow.

Mark your calendar for Saturday June 15 for our annual SCDXC picnic. Will be held at Woodley Park in Van Nuys. We will be in Grove 2.

Our SFI has broken the 200 which is good news however the solar storms that have been created have been causing radio blackouts and higher noise on the bands.

**Till next month Best of DX.
73 and Good DXing!
Howard W6FL**

W6FL@scdxc.org



Howard, W6FL



April Calendar

April 6	EA RTTY Contest
April 6	SP DX Contest
<u>April 12</u>	<u>2024 International DX Convention in Visalia!</u>
April 13	OK/OM DX Contest SSB
April 13	JIDX Contest CW
April 19	Holyland DX Contest
April 20	Work All Provinces of China DX Contest
April 20	YU DX Contest
April 20	CQMM DX Contest
April 27	UK/EI DX Contest CW
April 27	SP DX Contest RTTY
April 27	Helvetia Contest

For more contest info see:

www.contestcalendar.com

VP Corner April 2024

John Schroeder, N6QQ

Greetings from John, N6QQ

I am out doing something other than writing my column. Here some pictures!

73 -- John, N6QQ

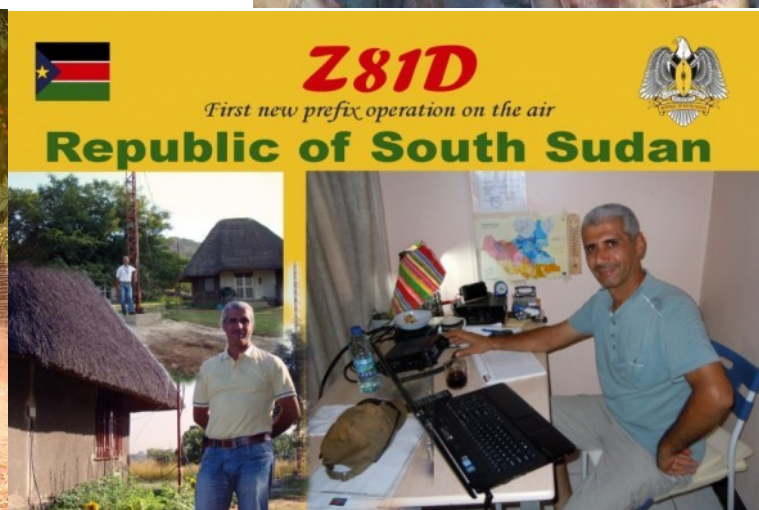
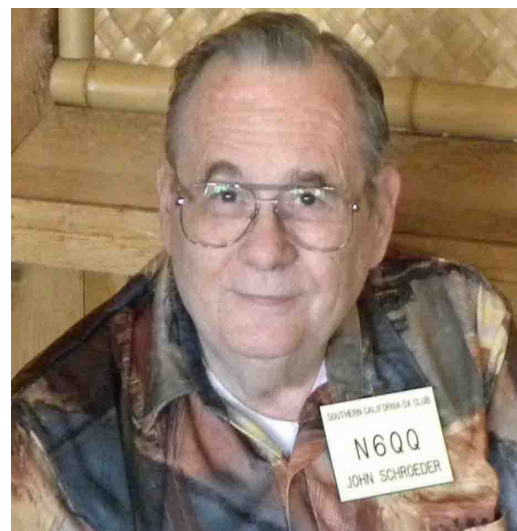
ARRL - CQ QSL Card Checker

<https://www.qrz.com/lookup/n6qq>

73 de John, N6QQ

Vice President, SCDXC

N6QQ@scdxc.org



***Every DXpedition is the WORST EVER....
UNTIL IT'S IN YOUR LOG***

Rumors on the Band

April is a big DXpedition month. Look at all the hams that are out and about. Makes you want to go somewhere yourself!

QTH	Call	Start Date	End Date	Information
Senegal	6W7/ON4AVT	Now	16-Apr	ON4AVT 80-10 SSB Digital
Cyprus SBA	ZC4MK	Now	1-Apr	G4KOM HF
Austral Islands	TX5XG	Now	3-Apr	JA1XGI 160-6m CW Digi
Mayotte	TO5LA	Now	2-Apr	4Z5LA 4Z5FI HF SSB CW Digi
Pitcairn	VP6G	4-Apr	14-Apr	PG5M 40-10m CW SSB FT8
Liberia	A8OK	6-Apr	16-Apr	Group from OK 160-6m SSB CW RTTY FT8 FT4 PAK
Maldives	8Q7HZ	6-Apr	16-Apr	TA1HZ 30-10m SSB FT8 FT4
Montserrat	VP2MMN	9-Apr	17-Apr	DF8AN 160-6m CW FT8 FT4 RTTY
Niue	E6SP	12-Apr	14-Apr	ZL3GAV 15-10m FT8 FT4
Austral Islands	TX7W	16-Apr	30-Apr	K5WE W5CCp 160-6 CW FT8 FT4 SSB RTTY
Svalbard	JW8EKA	18-Apr	21-Apr	LA8EKA 80-10m SSB Digital
Bhutan	A52	18-Apr	8-May	SP9FIH (A52P) SP6CIK (A52C) 40-6m SSB CW Digital
Market Reef	OJ0T	27-Apr	4-May	LA1UW LA3WAA LB5SH LB0VG 160-6m SSB CW Digital
Botswana	A25SHD	30-Apr	13-May	HB9SHD HF

ClubLog Most Wanted						
2023			2022			
#	Pfx	Entity	#	Pfx	Entity	Delta
1	P5	DPRK (NORTH KOREA)	1	P5	DPRK (NORTH KOREA)	1
2	BS7H	SCARBOROUGH REEF	2	3Y/B	BOUVET ISLAND	11 (↓ 9)
3	CE0X	SAN FELIX ISLANDS	3	FT5/W	CROZET ISLAND	31 (↓ 28)
4	BV9P	PRATAS ISLAND	4	BS7H	SCARBOROUGH REEF	2 (↑ 2)
5	KH7K	KURE ISLAND	5	CE0X	SAN FELIX ISLANDS	3 (↑ 2)
6	KH3	JOHNSTON ISLAND	6	BV9P	PRATAS ISLAND	4 (↑ 2)
7	FT/G	GLORIOSO ISLAND	7	KH7K	KURE ISLAND	5 (↑ 2)
8	3Y/P	PETER 1 ISLAND	8	KH3	JOHNSTON ISLAND	6 (↑ 2)
9	FT5/X	KERGUELEN ISLAND	9	FT/G	GLORIOSO ISLAND	7 (↑ 2)
10	YV0	AVES ISLAND	10	FT5/X	KERGUELEN ISLAND	9 (↑ 1)
11	3Y/B	BOUVET ISLAND	11	3Y/P	PETER 1 ISLAND	8 (↑ 3)
12	ZS8	PRINCE EDWARD & MARION ISLANDS	12	YV0	AVES ISLAND	10 (↑ 2)
13	KH4	MIDWAY ISLAND	13	VK0M	MACQUARIE ISLAND	14 (↓ 1)
14	VK0M	MACQUARIE ISLAND	14	SV/A	MOUNT ATHOS	33 (↓ 19)
15	PY0S	SAINT PETER AND PAUL ROCKS	15	ZS8	PRINCE EDWARD & MARION ISLANDS	12 (↑ 3)
16	PY0T	TRINDADE & MARTIM VAZ ISLANDS	16	KH4	MIDWAY ISLAND	13 (↑ 3)
17	KP5	DESECHEO ISLAND	17	EZ	TURKMENISTAN	23 (↓ 6)
18	VP8S	SOUTH SANDWICH ISLANDS	18	PY0S	SAINT PETER AND PAUL ROCKS	15 (↑ 3)
19	KH5	PALMYRA & JARVIS ISLANDS	19	PY0T	TRINDADE & MARTIM VAZ ISLANDS	16 (↑ 3)
20	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	20	VP8S	SOUTH SANDWICH ISLANDS	18 (↑ 2)
21	FK/C	CHESTERFIELD ISLANDS	21	KP5	DESECHEO ISLAND	17 (↑ 4)
22	VK0H	HEARD ISLAND	22	YK	SYRIA	25 (↓ 3)
23	EZ	TURKMENISTAN	23	KH5	PALMYRA & JARVIS ISLANDS	19 (↑ 4)
24	FT/T	TROMELIN ISLAND	24	JD/M	MINAMI TORISHIMA	34 (↓ 10)
25	YK	SYRIA	25	XF4	REVILLAGIGEDO	29 (↓ 4)
26	ZL8	KERMADEC ISLAND	26	KH1	BAKER HOWLAND ISLANDS	30 (↓ 4)
27	KH8/S	SWAINS ISLAND	27	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	20 (↑ 7)
28	VP8G	SOUTH GEORGIA ISLAND	28	FK/C	CHESTERFIELD ISLANDS	21 (↑ 7)
29	XF4	REVILLAGIGEDO	29	FT/T	TROMELIN ISLAND	24 (↑ 5)
30	KH1	BAKER HOWLAND ISLANDS	30	VK0H	HEARD ISLAND	22 (↑ 8)
31	FT5/W	CROZET ISLAND	31	T31	CENTRAL KIRIBATI	54 (↓ 23)
32	KH9	WAKE ISLAND	32	VP8G	SOUTH GEORGIA ISLAND	28 (↑ 4)
33	SV/A	MOUNT ATHOS	33	ZL8	KERMADEC ISLAND	26 (↑ 7)
34	JD/M	MINAMI TORISHIMA	34	KH8/S	SWAINS ISLAND	27 (↑ 7)
35	VK9M	MELLISH REEF	35	KH9	WAKE ISLAND	32 (↑ 3)
36	FT/J	JUAN DE NOVA, EUROPA	36	VK9M	MELLISH REEF	35 (↑ 1)
37	FO/C	CLIPPERTON ISLAND	37	CY0	SABLE ISLAND	73 (↓ 36)
38	T19	COCOS ISLAND	38	FT/J	JUAN DE NOVA, EUROPA	36 (↑ 2)
39	HK0/M	MALPELO ISLAND	39	T19	COCOS ISLAND	38 (↑ 1)
40	KP1	NAVASSA ISLAND	40	3D2/C	CONWAY REEF	50 (↓ 10)
41	VK9W	WILLIS ISLAND	41	VK9W	WILLIS ISLAND	41 =
42	FT5Z	AMSTERDAM & ST PAUL ISLANDS	42	HK0/M	MALPELO ISLAND	39 (↑ 3)
43	H40	TEMOTU PROVINCE	43	KP1	NAVASSA ISLAND	40 (↑ 3)
44	7O	YEMEN	44	H40	TEMOTU PROVINCE	43 (↑ 1)
45	ZD9	TRISTAN DA CUNHA & GOUGH ISLANDS	45	FO/C	CLIPPERTON ISLAND	37 (↑ 8)
46	VP8O	SOUTH ORKNEY ISLANDS	46	T33	BANABA ISLAND	57 (↓ 11)
47	XZ	MYANMAR	47	VP8O	SOUTH ORKNEY ISLANDS	46 (↑ 1)
48	ZK3	TOKELAU ISLANDS	48	5A	LIBYA	87 (↓ 39)
49	3C0	ANNONBON	49	XZ	MYANMAR	47 (↑ 2)
50	3D2/C	CONWAY REEF	50	FT5Z	AMSTERDAM & ST PAUL ISLANDS	42 (↑ 8)

CADXA Most Wanted DXCC Entities

ClubLog Most Wanted DXCC Ranking



DX Standings

Thanks to K6DW and N6RV for their updates!

If you are a new member please join ClubLog and then sign up for the Southern California DX Club. If you need help email me. Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M	Mixed
P	Phone
C	CW
R	RTTY

SCDXC Lifetime Standings									
Rank	Call	Current	Total	Slots	Rank	Call	Current	Total	Slots
1	W6KH	340	389		54	N6WT	311	311	2083
2	JA1BK	340	383	3232	55	W6HB	311	311	1029
3	K6YRA	340	378	2777	56	N6PM	299	300	2018
4	OH2BH	340	378	0	57	N6GP	299	314	1583
5	N0FW	340	372	2978	58	K6IRD	292	302	649
6	K6YUI	340	366	2608	59	W6ZL	287	291	1074
7	NS6C	340	361	2615	60	WA6HXM	275	275	
8	W6SR	340	359	2799	61	WA6WXD	274	274	
9	K6FG	340	357	2772	62	N3BKV	269	269	
10	K6GXO	340	355	2633	63	K6VC	264	267	
11	K5KT	340	355		64	KJ6HZ	247	252	
12	W8DX	340	353	2449	65	N6AA	247	247	
13	W6TK	340	351	1781	66	W6KC	246	248	743
14	W6VX	340	349	2772	67	KQ6K	243	244	
15	N6HC	340	349	2377	68	NE6V	239	239	917
16	W6KK	340	349	1921	69	K6JEY	234	234	
17	K6ND	340	348	2790	70	N6HE	229	238	746
18	WA5VGI	340	348	2797	71	N6VOH	222	251	
19	KJ6Y	340	348	1439	72	W6YLZ	219	220	
20	N6PEQ	340	347	2040	73	K6AFW	204	204	917
21	WA6WZO	339	357		74	WB6DJI	200	200	589
22	N6RV	339	356	2522	75	AA6DW	196	202	402
23	N6QQ	339	356	2315	76	K0XP	170	171	
24	N6WS	339	351	2658	77	N6LL	169	169	
25	K6RO	339	348	2363	78	W6GA	169	168	
26	KR6C	339	345	2135	79	KF6I	166	166	200
27	W6TJI	338	355		80	KC6TOD	166	166	
28	W6IRD	338	354		81	KK6M	162	192	
29	W6RW	338	352	2295	82	K7LA	160	160	466
30	W6FL	338	352	1610	83	K6FOD	154	154	
31	N6HY	338	346	2424	84	K9TAD	162	162	238
32	N6MG	338	338		85	W6QE	149	149	365
33	N6RW	337	372	2773	86	K6DW	147	147	
34	W6OU	337	356	1599	87	WC2S	146	146	
35	AI6Z	336	349	2189	88	AB9A	141	141	224
36	N6IC	336	347	0	89	NZ6L	137	178	158
37	K6JW	335	341	1337	90	N6CA	133	133	386
38	N7NR	335	354	1288	91	K6NGO	130	130	
39	SM5GMZ	335	346	2454	92	K6MKL	126	126	
40	K4ST	335	339	2065	93	WD6Y	125	125	274
41	K2IXQ	334	339	1794	94	AB6A	109	109	287
42	N6MXU	333	337	1666	95	N6PCD	105	105	246
43	W6SW	331	339	540	96	K6BBC	103	117	216
44	K6SY	331	337	1157	97	N6YQ	100	128	
45	W6DR	331	336	1889	98	WA6MEM	100	100	
46	K4SX	331	335	1782	99	W6CCC	95	95	211
47	N6AX	330	336	1679	100	K6PGH	63	63	
48	AA6PW	330	331	1775	101	W6MPB	61	61	
49	K7MY	320	324	1281	102	K6LAC	46	46	
50	NK6A	313	316	957	103	K6YIC	43	43	92
51	AC6MW	313	315		104	NY6Y	28	28	
52	N6DHZ	312	318	1440	105	KJ6YL	14	14	
53	N6VNI	312	314	1514	106	KC6CQD	1	1	

WAZ Standings				
Rank	Call	11B	5B	Awards
1	N0FW	424	200	M/P/C/R/5
2	K6ND	415	200	M/5
3	WA5VGI	416	200	M/P/C/R/5
4	N6WS	414	200	M/P/C/R/5
5	W6SR	384	200	M/P/C/5
6	K6FG	376	200	M/P/C/R/5
7	SM5GMZ	373	200	M/P/C/5
8	NS6C	369	200	M/P/C/R/5
9	W8DX	357	200	M/5
10	N6AW	355	200	M/P/C/5
11	K6YUI	353	200	M/P/C/R/5
12	W6RW	344	200	M/P/C/5
13	K6YRA	337	200	P/5
14	W6VX	352	199	M/P/C
15	W6TK	369	198	
16	K6GXO	358	198	M
17	N6HY	365	196	M/P/C
18	N6RW	408	198	
19	N6WT	385	195	
20	N6RV	383	195	
21	K6RO	379	195	M/P/C
22	W6FL	253	195	
23	AI6Z	321	194	
24	N6PM	374	193	
25	KR6C	342	192	
26	N6QQ	343	189	
27	N6PEQ	338	188	
28	W6DR	348	187	
29	W6OU	307	186	
30	N6GP	313	185	
31	K4ST	310	185	
32	W6KK	307	185	
33	N6DHZ	295	182	
34	AA6PW	298	181	
35	N6VNI	291	181	
36	K6SY	299	178	
37	KJ6Y	237	173	
38	N6HE	253	168	
39	W6ZL	253	166	M/P/C/R
40	W8GJK	301	162	
41	K6JW	244	158	
42	NK6A	290	157	
43	W6KC	217	156	
44	W6YLZ	151	288	
45	K7MY	258	159	
46	N6MG	241	150	
47	NE6V	256	149	
48	K6AFW	218	149	
49	KK6M	173	140	
50	K0XP	171	140	
51	AC6MW	210	133	
52	K6IRD	220	130	
53	W6SW	154	126	M/P
54	W6IRD	102	112	
55	WD6Y	163	104	
56	K6VC	145	96	
57	N6PCD	144	92	
58	K6DW	143	118	
59	WC2S	201	115	
60	K6NGO	191	110	
61	K6FOD	160	106	
62	K9TAD	110	96	
63	NZ6L	104	82	
64	K6PGH	45	42	
65	N6HC	17	13	
66	WB6DJI	11	8	

2024 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP0G	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP0S	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2E	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP2M	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8/S	ON	S5	TF	V3	VP2V	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FT/G	HC	J8	KH9	OX	S7	TG	V4	VP5	YB	ZD9
3DA	5U	9M2	C21	D4	ET	FT/J	HC8	JA	KL7	OY	S9	TI	V5	VP6	YI	ZF
3V	5V7	9M6	C31	D6	EU	FT/T	HH	JD/M	KP1	OZ	SM	TI9	V6	VP6/D	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5/W	HI	JD/O	KP2	P2	SP	TJ	V7	VP8	YK	ZL
3XA	5X	9Q	C6A	DU	EY	FT5/X	HK	JT	KP4	P4	ST	TK	V8	VP8H	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8O	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	70	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

We have been active and so has the bands. 10 –15 meters is spoiling us with great worldwide propagation. DXpeditions have added to our DX gluttony. New ones are worked almost every day and looking at the totals we are on track for a record year... as long as those pitiful flares and blackouts don't totally mess up the bands.

27 members have worked DXCC and 10 have broken 200!

2024 Get Schroeder Leaders							
2024 Total Entities Worked							262
2023 Total Entities Worked							294
2024 Entities Worked by SCDXC							251
2023 SCDXC Entities Worked							294
2024 Entities Worked by SCDXC Members in SoCal							247
2023 Entities Worked by SCDXC Members in SoCal							280
2024 ClubLog Leaders Entities Worked							262
2023 ClubLog Leaders Entities Worked							294
2024 SCDXC Leader (K6ND)							282
2023 ClubLog Leader (K0OZD)							284
Rank	Call	Entities	Last Mo.	Last Yr	Leader	-Tot	-QQ
							Uniques
							8
1	K6ND	241	30	-27	4	10	-100
2	K6RO	237	12	-41	0	14	-96
3	N6WT	233	12	-40	-4	18	-92
4	N6RW	231	14	-39	-6	20	-90
5	N0FW	225	216	-56	-12	26	-84
6	WA5VGI	224	12	-33	-13	27	-83
7	NS6C	221	18	-40	-16	30	-80
8	N6RV	218	7	-61	-19	33	-77
9	W6TK	207	23	-70	-30	44	-66
10	W6OU	204	27	-39	-33	47	-63
11	K6AFW	165	3	-64	-72	86	-24
12	N6WS	163	18	-110	-74	88	-22
13	W6DR	156	43	-92	-81	95	-15
14	KN6ZZI	148	148	148	-89	103	-7
15	N6QQ	141	17	-106	-96	110	0
16	N6DHZ	138	33	-63	-99	113	3
17	N6PM	137	9	-91	-100	114	4
18	N6MG	131	19	-20	-106	120	10
19	N6AV	129	43	80	-108	122	12
20	W6SR	122	40	28	-115	129	19
21	K7MY	121	23	-38	-116	130	20
22	W6ZL	112	9	-83	-125	139	29
23	N6GP	112	17	-81	-125	139	29
24	WB6DJI	106	103	-35	-131	145	35
25	W8GJK	100	0	-139	-137	151	41
26	NK6A	105	12	-38	-132	146	36
27	SM5GMZ	104	0	-130	-133	147	37

ClubLog Worked Not SCDXC

4U1ITU A5 ST VP0G
5V7 E6 T5 VP8H
9Q KH8 TU VU4

SCDXC Worked Not ClubLog

SCDXC Get Schroeder Standings 2024																
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots		
1	K6ND	41	25	16	61	69	109	79	72	66	90	3	241	631	33	
2	K6RO	5	50	33	148	108	188	171	194	184	194	17	237	1292	36	
3	N6WT	6	8	4	38	36	107	65	106	63	113	10	233	556	10	
4	N6RW	36	98	83	146	171	193	161	182	176	191	36	231	1473	66	
5	N0FW	73	72	46	128	120	132	116	141	150	178	5	225	1161	28	
6	WA5VGI	7	12	32	29	68	56	48	74	73	94	2	224	495	40	
7	NS6C	3	9	0	30	63	92	42	70	109	73	16	221	507	67	
8	N6RV	1	32	2	117	54	143	43	145	52	137	25	218	751	56	
9	W6TK	5	17	1	56	76	111	122	155	139	145	2	207	829	67	
10	W6OU	0	0	35	17	37	60	51	51	51	46	1	204	349	61	
11	K6AFW	0	1	1	40	83	59	73	74	83	88	0	165	502	32	
12	N6WS	3	11	5	30	20	44	36	49	34	52	16	163	300	60	
13	W6DR	5	45	39	90	62	76	35	59	52	88	4	156	555	54	
14	KN6ZZI	0	0	0	28	0	98	15	109	50	113	0	148	413	1	
15	N6QQ	0	0	0	1	26	90	42	87	50	87	10	141	393	67	
16	N6DHZ	0	16	0	33	3	70	14	101	23	101	0	138	361	36	
17	N6PM	6	15	16	38	59	21	24	35	40	57	0	137	311	30	
18	N6MG	2	25	0	31	17	43	12	52	67	95	1	131	345	47	
19	N6AV	0	0	0	50	67	37	54	31	48	56	0	129	343	2	
20	W6SR	0	0	0	2	0	73	2	76	5	92	7	122	257	57	
21	K7MY	0	19	0	15	44	0	37	74	41	60	1	121	291	47	
22	W6ZL	0	2	0	22	3	62	11	74	31	86	0	112	291	32	
23	N6GP	0	0	0	0	0	3	0	15	44	85	2	112	149	36	
24	WB6DJI	0	0	0	68	5	62	1	48	1	63	6	106	254	31	
25	NK6A	0	0	0	1	1	8	1	26	2	100	0	105	139	79	
26	WC2S	0	0	0	4	11	15	19	35	35	28	0	90	147	7	
27	W8DX	0	0	0	0	0	13	15	17	13	55	0	82	113	67	
28	K16BTY	0	11	11	32	23	21	17	34	29	53	1	78	232	2	
29	K6NGO	0	6	1	20	7	17	11	24	14	35	1	66	136	4	
30	K6FG	3	11	0	0	50	7	14	0	1	6	0	66	92	68	
31	K6DW	0	0	0	29	0	33	0	38	0	31	1	63	132	17	
32	AA6DW	0	0	0	4	1	5	6	13	30	16	3	53	78	37	
33	KF6RY	0	1	0	3	0	14	0	32	0	34	0	44	84	24	
34	K6JW	0	10	0	7	2	20	2	11	14	4	1	37	71	65	
35	K6FOD	1	2	0	9	6	6	7	10	8	10	0	37	59	6	
36	W6FL	0	3	1	1	8	4	6	5	5	8	17	37	58	64	
37	W6KK	1	14	0	11	14	2	0	3	1	7	2	36	55	29	
38	KK6M	0	0	0	0	0	2	0	20	8	3	0	28	33	45	
39	W6YLZ	0	0	0	0	6	2	2	7	2	5	0	20	24	36	
40	K9TAD	0	0	0	0	0	6	0	7	0	5	0	14	18	17	
41	K0XP	8	1	0	4	0	0	0	1	0	1	0	11	15	17	
42	N6PEQ	0	0	0	0	0	1	0	3	0	3	0	4	7	38	

What Did We Really Work?

This month we dropped a bit. There were only 3 submissions and most of us were on 6 meters!

Entity	Prefix	Total	Jan	Feb	Mar
		244	210	215	188
MONACO	3A	1	1	1	0
MAURITIUS ISLAND	3B8	1	1	1	1
RODRIGUEZ ISLAND	3B9	1	1	1	0
FIJI ISLANDS	3D2	1	1	1	1
KINGDOM OF ESWATINI	3DA	1	1	1	0
TUNISIA	3V	1	1	0	1
VIET NAM	3W	1	1	1	1
AZERBAIJAN	4J	1	1	1	1
GEORGIA	4L	1	1	1	1
MONTENEGRO	4O	1	1	1	1
SRI LANKA	4S	1	1	1	1
UNITED NATIONS HQ	4U1UN	1	0	1	1
TIMOR-LESTE	4W	1	0	0	1
ISRAEL	4X	1	1	1	1
LIBYA	5A	1	1	1	0
CYPRUS	5B	1	1	1	1
TANZANIA	5H	1	1	1	1
MADAGASCAR	5R	1	1	1	0
SAMOA	5W	1	1	1	1
UGANDA	5X	1	0	1	0
KENYA	5Z	1	1	1	1
SENEGAL	6W	1	0	1	1
JAMAICA	6Y	1	1	1	1
YEMEN	7O	1	1	1	0
LESOTHO	7P	1	0	1	1
MALAWI	7Q	1	1	1	1
ALGERIA	7X	1	1	1	0
BARBADOS	8P	1	1	1	1
MALDIVES	8Q	1	1	0	0
GUYANA	8R	1	0	1	1
CROATIA	9A	1	1	1	1
GHANA	9G	1	1	1	1
MALTA	9H	1	1	1	1
ZAMBIA	9J	1	1	1	0
KUWAIT	9K	1	1	1	1
WEST MALAYSIA	9M2	1	1	1	1
EAST MALAYSIA	9M6	1	1	1	1
NEPAL	9N	1	1	1	0
SINGAPORE	9V	1	1	1	1
TRINIDAD & TOBAGO	9Y	1	1	1	1
BOTSWANA	A2	1	1	1	0
TONGA	A3	1	1	1	1
OMAN	A4	1	1	1	1
UNITED ARAB EMIRATES	A6	1	1	1	1
QATAR	A7	1	1	0	1
BAHRAIN	A9	1	1	1	1
PAKISTAN	AP	1	1	1	1
TAIWAN	BU	1	1	1	1
CHINA	BY	1	1	1	1
NAURU	C21	1	1	1	0
ANDORRA	C31	1	1	1	1
BAHAMAS	C6A	1	1	1	1
MOZAMBIQUE	C9	1	0	0	1
CHILE	CE	1	1	1	1
EASTER ISLAND	CE0Y	1	1	1	1
JUAN FERNANDEZ ISLANDS	CE0Z	1	0	1	1
ANTARCTICA	CE9	1	1	1	1
MOROCCO	CN	1	1	1	1
CUBA	CO	1	1	1	1
BOLIVIA	CP	1	1	1	1
PORTUGAL	CT	1	1	1	1
MADEIRA ISLANDS	CT3	1	1	1	1
AZORES	CU	1	1	1	1
URUGUAY	CX	1	1	1	1
ANGOLA	D2	1	1	1	0
CAPE VERDE	D4	1	1	1	1
FEDERAL REPUBLIC OF GERMANY	DL	1	1	1	1
PHILIPPINES	DU	1	1	1	1
NORTH COOK ISLANDS	E5/N	1	1	0	0
SOUTH COOK ISLANDS	E5/S	1	1	1	0
BOSNIA-HERZEGOVINA	E7	1	1	1	1
SPAIN	EA	1	1	1	1
BALEARIC ISLANDS	EA6	1	1	1	1
CANARY ISLANDS	EA8	1	1	1	1
CEUTA & MELILLA	EA9	1	1	1	1
IRELAND	EI	1	1	1	1
ARMENIA	EK	1	1	1	1
LIBERIA	EL	1	1	1	1
IRAN	EP	1	1	1	1
MOLDOVA	ER	1	1	1	1
ESTONIA	ES	1	1	1	0
ETHIOPIA	ET	1	1	1	0

Entity	Prefix	Total	Jan	Feb	Mar
		244	210	215	188
BELARUS	EU	1	1	1	1
KYRGYZSTAN	EX	1	1	1	1
TAJIKISTAN	EY	1	1	1	1
FRANCE	F	1	1	1	1
GUADELOUPE	FG	1	1	1	1
MAYOTTE	FH	1	1	1	0
SAINT BARTHELEMY	FJ	1	0	1	0
NEW CALEDONIA	FK	1	1	1	1
MARTINIQUE	FM	1	1	1	1
FRENCH POLYNESIA	FO	1	1	1	0
CLIPPERTON ISLAND	FO/C	1	1	1	1
MARQUESAS ISLANDS	FO/M	1	1	1	0
REUNION ISLAND	FR	1	1	1	0
SAINT MARTIN	FS	1	1	0	0
TROMELIN ISLAND	FT/T	1	0	0	1
WALLIS & FUTUNA ISLANDS	FW	1	1	1	1
FRENCH GUIANA	FY	1	1	1	1
ENGLAND	G	1	1	1	1
ISLE OF MAN	GD	1	1	1	1
NORTHERN IRELAND	GI	1	1	1	1
JERSEY	GJ	1	1	1	0
SCOTLAND	GM	1	1	1	1
GUERNSEY	GU	1	1	1	0
WALES	GW	1	1	1	1
SOLOMON ISLANDS	H4	1	0	0	1
TEMOTU PROVINCE	H40	1	0	1	1
HUNGARY	HA	1	1	1	1
SWITZERLAND	HB	1	1	1	1
LIECHTENSTEIN	HB0	1	1	1	0
ECUADOR	HC	1	1	1	1
GALAPAGOS ISLANDS	HC8	1	0	0	1
HAITI	HH	1	1	1	1
DOMINICAN REPUBLIC	HI	1	1	1	1
COLOMBIA	HK	1	1	1	1
REPUBLIC OF KOREA	HL	1	1	1	1
PANAMA	HP	1	1	0	1
HONDURAS	HR	1	1	1	0
THAILAND	HS	1	1	1	1
VATICAN CITY	HV	1	0	0	1
SAUDI ARABIA	HZ	1	1	1	1
ITALY	I	1	1	1	1
SARDINIA	IS0	1	1	1	0
DJIBOUTI	J2	1	1	0	0
GRENADA	J3	1	1	1	1
GUINEA-BISSAU	J5	1	0	1	0
SAINT LUCIA	J6	1	1	1	1
DOMINICA	J7	1	1	1	0
SAINT VINCENT	J8	1	1	1	1
JAPAN	JA	1	1	1	1
MINAMI TORISHIMA	JD/M	1	0	1	0
OGASAWARA	JD/O	1	1	1	1
MONGOLIA	JT	1	1	1	1
SVALBARD	JW	1	1	0	1
JORDAN	JY	1	1	1	1
UNITED STATES OF AMERICA	K	1	1	1	1
MARIANA ISLANDS	KH0	1	1	1	1
GUAM	KH2	1	1	1	0
HAWAII	KH6	1	1	1	1
WAKE ISLAND	KH9	1	0	1	0
ALASKA	KL7	1	1	1	1
US VIRGIN ISLANDS	KP2	1	1	1	1
PUERTO RICO	KP4	1	1	1	1
NORWAY	LA	1	1	1	1
ARGENTINA	LU	1	1	1	1
LUXEMBOURG	LX	1	1	1	1
LITHUANIA	LY	1	1	1	1
BULGARIA	LZ	1	1	1	1
PERU	OA	1	1	1	1
LEBANON	OD	1	1	1	1
AUSTRIA	OE	1	1	1	1
FINLAND	OH	1	1	1	1
ALAND ISLANDS	OH0	1	0	1	1
CZECH REPUBLIC	OK	1	1	1	1
SLOVAK REPUBLIC	OM	1	1	1	1
BELGIUM	ON	1	1	1	1
GREENLAND	OX	1	1	1	0
FAROE ISLANDS	OY	1	1	0	0
DENMARK	OZ	1	1	1	1
PAPUA NEW GUINEA	P2	1	0	1	0
ARUBA	P4	1	1	1	1
NETHERLANDS	PA	1	1	1	1
CURACAO	PJ2	1	1	1	1

Entity	Prefix	Total	Jan	Feb	Mar
		244	210	215	188
BONAIRE	PJ4	1	1	1	1
SABA & ST EUSTATIUS	PJ5	1	1	1	1
SINT MAARTEN	PJ7	1	1	1	1
BRAZIL	PY	1	1	1	1
FERNANDO DE NORONHA	PY0F	1	0	0	1
SURINAME	PZ	1	1	1	1
WESTERN SAHARA	S0	1	1	1	1
BANGLADESH	S2	1	0	1	0
SLOVENIA	S5	1	1	1	1
SEYCHELLES ISLANDS	S7	1	1	0	1
SWEDEN	SM	1	1	1	1
POLAND	SP	1	1	1	1
EGYPT	SU	1	1	1	0
GREECE	SV	1	1	1	1
MOUNT ATHOS	SV/A	1	0	0	1
DODECANESE	SV5	1	1	1	1
CRETE	SV9	1	1	1	0
EASTERN KIRIBATI	T32	1	1	0	1
SAN MARINO	T7	1	1	1	1
PALAU	T8	1	1	0	1
TURKEY	TA	1	1	1	1
ICELAND	TF	1	1	1	1
GUATEMALA	TG	1	1	1	0
COSTA RICA	TI	1	1	1	1
CORSICA	TK	1	1	1	1
CENTRAL AFRICAN REPUBLIC	TL	1	0	1	0
REPUBLIC OF THE CONGO	TN	1	0	1	0
GABON	TR	1	1	1	0
BENIN	TY	1	0	1	1
MALI	TZ	1	1	1	0
EUROPEAN RUSSIA	UA	1	1	1	1
ASIATIC RUSSIA	UA0	1	1	1	1
KALININGRAD	UA2	1	1	1	1
UZBEKISTAN	UJ	1	1	1	1
KAZAKHSTAN	UN	1	1	1	1
UKRAINE	UR	1	1	1	1
ANTIGUA & BARBUDA	V2	1	1	1	1
BELIZE	V3	1	1	1	1
SAINT KITTS & NEVIS	V4	1	1	1	0
NAMIBIA	V5	1	1	1	1
BRUNEI	V8	1	1	1	0
CANADA	VE	1	1	1	1
AUSTRALIA	VK	1	1	1	1
NORFOLK ISLAND	VK9N	1	1	1	0
SOUTH GEORGIA ISLAND	VP0G	1	0	1	1
SOUTH SHETLAND ISLANDS	VP0S	1	0	1	1
ANGUILLA	VP2E	1	1	0	0
MONTserrat	VP2M	1	0	1	1
BRITISH VIRGIN ISLANDS	VP2V	1	0	0	1
PITCAIRN ISLAND	VP6	1	1	1	1
FALKLAND ISLANDS	VP8	1	1	0	0
BERMUDA	VP9	1	1	1	1
HONG KONG	VR	1	1	1	1
INDIA	VU	1	1	1	1
MEXICO	XE	1	1	1	1
CAMBODIA	XU	1	1	0	1
LAOS	XW	1	1	0	1
MACAO	XX9	1	0	1	1
INDONESIA	YB	1	1	1	1
IRAQ	YI	1	1	1	0
VANUATU	YJ	1	0	1	1
LATVIA	YL	1	1	1	1
NICARAGUA	YN	1	0	1	0
ROMANIA	YO	1	1	1	1
EL SALVADOR	YS	1	1	1	1
SERBIA	YT	1	1	1	1
VENEZUELA	YV	1	1	1	1
ZIMBABWE	Z2	1	0	1	0
NORTH MACEDONIA	Z3	1	1	1	1
REPUBLIC OF KOSOVO	Z6	1	1	1	1
REPUBLIC OF SOUTH SUDAN	Z8	1	0	1	1
ALBANIA	ZA	1	1	1	1
GIBRALTAR	ZB2	1	1	0	1
SAINT HELENA	ZD7	1	1	1	1
ASCENSION ISLAND	ZD8	1	1	0	0
CAYMAN ISLANDS	ZF	1	1	1	1
NEW ZEALAND	ZL	1	1	1	1
CHATHAM ISLAND	ZL7	1	1	0	0
PARAGUAY	ZP	1	1	1	1
REPUBLIC OF SOUTH AFRICA	ZS	1	1	1	1

Who's on 6?

Well 6 meters has been hopping! Right now we are in Transequatorial season, occurring around the equinox. We have already seen either early sporadic E double hop to the East Coast and Caribbean or it may be F2. The Solar Flux Index has risen above 200 for a few days. Expect more of this. Hopefully we will have high numbers this fall. September through early December is the best time for F2 to Europe. We will see what this Spring will bring!

Did you see that Kent, N6WT worked Kuwait. He was pointing at South America! It was a bank shot off of the geomagnetic equator. Several local members copied him but it seemed like he was strongest on the central coast! Here is what was copied at N6RV:

- 240326_212245 50.313 Rx FT8 -8 0.1 2316 HD8MD 9K2GS LL39
- 240326_212315 50.313 Rx FT8 -4 0.1 2317 HD8MD 9K2GS LL39
- 240326_212345 50.313 Rx FT8 -5 0.1 2318 HD8MD 9K2GS LL39
- 240326_212645 50.313 Rx FT8 -8 0.0 397 HD8MD 9K2GS LL39
- 240326_212715 50.313 Rx FT8 -14 0.1 395 HD8MD 9K2GS LL39

	So Cal		At Lrg		Total		N6WRW	N6RV	W6FL	N6CA	K6RO	NS6C	N6WS	N6WT	N6QQ	W6SR	WB6DJ	W6YLZ	N0FW	W6DR	AA6DW	K6ND	N6GP	NE6V	W6TK	W6KK	WA5VGI	N6MG	K7MY	KI6BTY	K6DW	K6NGO	W6OU	K6JW
Pfx	DX	QSOs	DX	QSOs	DX	QSOs	N6WRW	N6RV	W6FL	N6CA	K6RO	NS6C	N6WS	N6WT	N6QQ	W6SR	WB6DJ	W6YLZ	N0FW	W6DR	AA6DW	K6ND	N6GP	NE6V	W6TK	W6KK	WA5VGI	N6MG	K7MY	KI6BTY	K6DW	K6NGO	W6OU	K6JW
	35	148	38	44	201	36	25	17	8	17	16	12	10	10	7	6	5	5	4	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1
					2023	-13	-21	8	-52	-17	-3	-45	-13	-18	0	-11	-18	-30	-15	-4	-5	-10	-5	-5	-2	-2	-2	-11	-2	-2	-7	0	0	
63B9	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
438P	1	1	1	1	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
509K	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
599Y	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
77CE	1	10	1	1	12	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
80CE0Z	1	2	1	1	4	1	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
83CO	1	1	1	1	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
84CP	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
88CX	1	3	1	1	4	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
118FG	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
121FK	1	4	1	1	6	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
127FO/M	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
138FY	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
151HC	1	8	1	1	10	1	1	1	0	1	1	1	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
152HC8	1	7	1	1	11	1	1	0	0	1	1	1	1	0	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
154HI	1	1	1	1	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
155HK	1	5	1	1	6	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
167J3	1	2	1	1	3	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
170J7	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
171J8	1	3	1	1	4	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
179K	1	16	1	1	19	1	1	1	1	1	0	0	1	1	1	1	0	1	0	1	0	0	1	1	0	1	0	1	1	1	1	1	0	1
187KH6	1	2	1	1	3	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
195KP4	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
198LU	1	11	1	1	13	1	1	1	0	1	1	0	0	0	1	1	1	1	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	
202OA	1	2	1	1	3	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
218PJ2	1	1	1	1	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
219PJ4	1	2	1	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
220PJ5	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
221PJ7	1	4	1	1	5	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
222PY	1	5	1	1	6	1	1	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
251TG	1	2	1	1	3	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
252TI	1	10	1	1	12	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
269V2	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
270V3	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
276VE	1	3	1	1	4	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
277VK	1	5	1	1	6	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
294VP8/H	1	1	1	1	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
297VP9	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
303XE	1	8	1	1	11	1	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	0
318YS	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
320YV	1	5	1	1	6	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
334ZL	1	10	1	1	11	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
335ZL7	1	7	1	1	9	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
338ZP	1	2	0	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	



Deleted ARRL DXCC Entities

This month we look at deleted entities #44 - Southern Sudan

Prefix	Entity	Cont	Zone	UTC	Location	Prefix
			ITU	CQ	+/- Lat Long	
PK1	Java	OC	54	28	7.5 6S	107E PK2-3
PK4	Sumatra	OC	54	28	7 1S	100E
PK5	Netherlands Borneo	OC	54	28	8 3S	115E
PK6	Celebe & Molucca Is	OC	54	28	8 5S	119E
ST0	Southern Sudan	AF	48	34	2 5N	32E
UN1	Karelo-Finnish Rep	EU	19	16	3 64N	32E
VO	Newfoundland, Labrador	NA	9	2, 0	-3.5 48N	53W
VQ1	Zanzibar	AF	53	37	3 7S	39E 5H1



Southern Sudan

Before the southern portion of The Sudan became an the independent nation, The Republic of South Sudan, it was an autonomous region. The conflict that produced this region started in 1959. It lasted until 1972 but the violence and bloodshed did not cease. The Addis Ababa Agreement ended the first Sudanese Civil War. It was abolished in 1983 by the president at the time who was the General that led the armies of the North against their adversaries in the south, General, who became president, Gaafar Nimeiry. This precipitated the Second Sudanese Civil War. The strife and bloodshed lasted until 2005 when autonomy was again restored. The autonomous region consisted of the three provinces of Equatoria, Bahr al-Ghazal, and Greater Upper Nile. Juba was the regional capital. The area is comparable in size to England..

The region is mostly populated by the Nilotic peoples, the people of the Nile. Most of the population are Christian, in the millions. This was mainly due to the British influence and the lack of access by the traditional Islamic nomads. This too was motivation for the 30 year conflict with the predominantly Arab Muslim north.

Half their population is under 18 years of age. The region is destitute with the majority living in starvation. It is the most underdeveloped areas not only in Africa, but the world. The

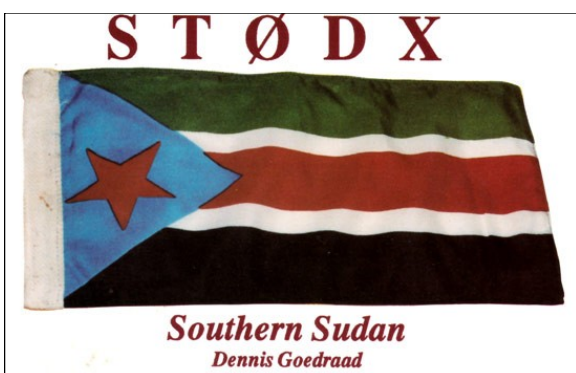
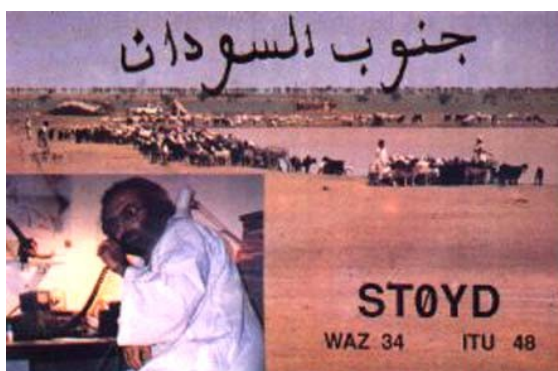
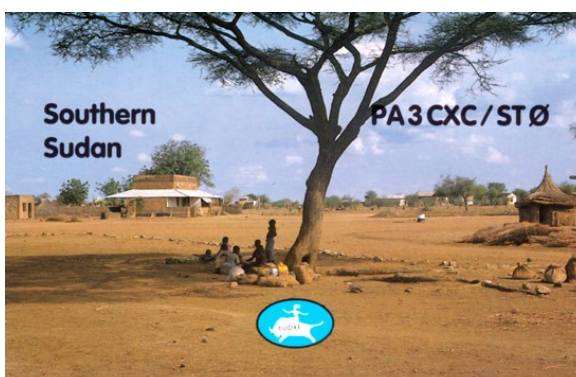
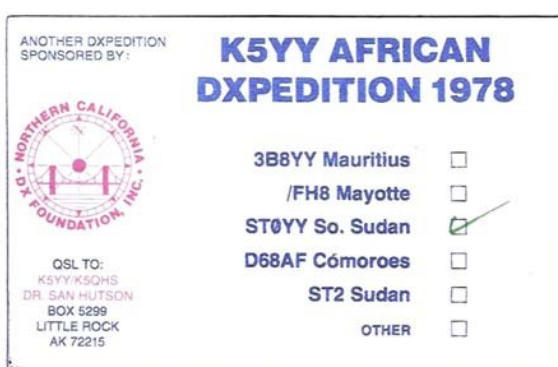
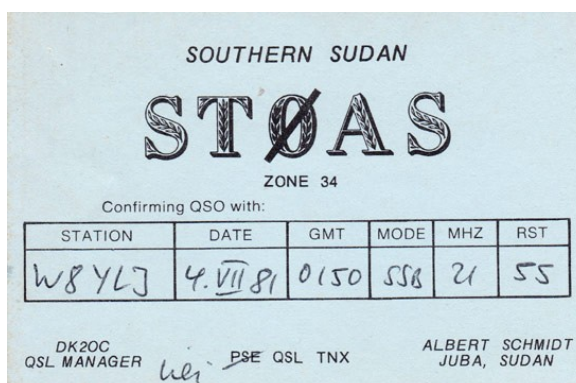
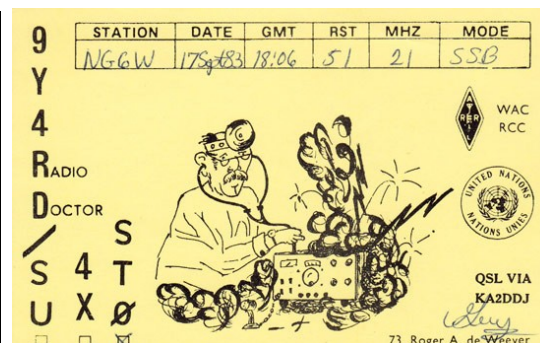
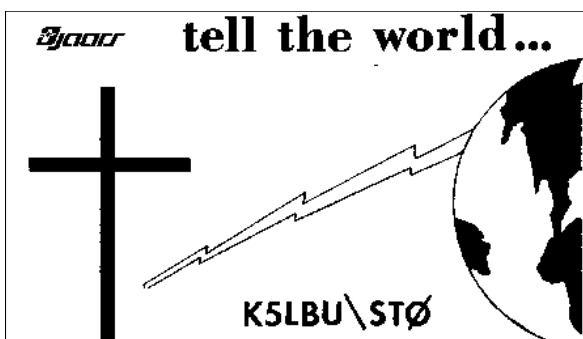


Amateur Radio Operations

It appears that most of the operations were either affiliated with relief organizations or missionary ventures. There were a few DXpeditions that were conducted over a few days to a week.

Southern Sudan

ST2SA/ST0	1976
ST0RK	1977
ST0RK	1978
ST0YY	1978
ST0HF	1979
ST0RK	1979
6U0KK	1980
K5LBU/ST0	1980
ST2FF/ST0	1980
ST0AS	1981
9Y4RD/ST0	1983
TL8GE/ST0	1984
ST0YD	1990
PA3CXC/ST0	1990
ST0DX	1991
ST0DX	1991
PA3CXC/ST0	1994



Tid Bits

OWENS VALLEY RADIO OBSERVATORY TRIP SCIENCE BEYOND THE BOOK June 7-9th , 2024

With Dr. Mark Hodges and
Dr. Doug Millar and Cecilia Caballero, MA

Please join with us on the above date for an extraordinary adventure in science education at the Owens Valley Radio Observatory outside of Big Pine, CA. Included are science demonstrations at the 40m radio telescope and a tour, walking a scale model of the Solar System, solar astronomy, and night time astronomy. We will also make ice cream with liquid nitrogen. This year we are emphasizing the DSA projects that are being built at OVRO. (See the OVRO website for more info: <http://www.ovro.caltech.edu>)

If you want to come on Friday, we will have an evening of astronomy to the south of Building #10 at the west end of the observatory. You can bring your own telescope and there will be a number of telescopes set up to share their views. 120V AC is available. We will also do astronomy on Saturday night. The main program will be on Saturday afternoon, starting in the dining area in Building #10. We will go to the Pizza Factory in Bishop for dinner.

All the above is free and courtesy of Dr. Mark Hodges, OVRO, and Caltech. This trip is open to teachers, students with their families, members of local astronomy clubs, and radio hams. You must RSVP to go on the trip to Dr. Millar so that we know how many to expect (contact information below). Please also forward your cell phone number.

This is not a school or OCA sponsored event. Everyone is on their own for transportation and lodging. You have many options. You can stay at a motel nearby, camp in a campground, bring a tent or trailer and stay at the OVRO site. If you decide to camp at OVRO, you must provide your own bathroom, as the buildings will be locked. There are places to eat in Big Pine and Bishop.

Please arrive at OVRO by 1:00 PM on Saturday for the program.

The weather will be warm and dry. Evenings will be a little cooler, so dress accordingly for the nighttime astronomy.

Schedule:

Friday

Setup telescopes to the south of building #10 for astronomy by sunset. 110v AC, bathroom and coffee and water available.

Saturday

1:00pm: arrive at kitchen in building #10 for start of program and tour.

5pm: check in at your Motel (if not already checked in) and go to dinner in Bishop.

Evening- Astronomy at the site

Sunday

A lot of us like to gather for breakfast about 9:30 at one of the local restaurants. More information will be available on Saturday.

Leave whenever you like. Check websites about the area and the Highway 395 for sightseeing opportunities.

The directions from the LA area are: Drive north on the 5/14 through Palmdale and Mojave. Continue past Inyokern and join 395. Continue on North through Little Lake, Lone Pine and Independence. Continue through Big Pine. Just as you get to the end of town turn right on Highway 168 towards the Westgard Pass. Go about 2 miles and turn left onto Leighton Lane, the observatory road. You should be able to see the 40m dish in the distance, but it is 4 miles away! Continue through the gate onto the property and follow the blacktop road. Go past two 90-foot telescopes to the west end of the site and park. Below is a more detailed map. The observatory address is: 100 Leighton Lane, Big Pine, CA.

If you would like to bring your own telescope, please do so. If you have a telescope and don't know how to use it, please bring it as there will be people to show you how to properly set up and use the telescope.

For any questions and RSVP's my contact information is

Dr. Doug Millar Cell- 562-810-3989 and email is drzarkof56@yahoo.com

Thank you and I hope to see you on the trip!

Dr. Millar

Tid Bits

URGENT MESSAGE TO RESPOND WITH YOUR TOTALS

To all WPX Award Participants:

Due to CQ Magazine ceasing publication since October 2023, I have provided an alternative site for the WPX Honor Roll Listing on the W1CU page of QRZ.com.

Please send your total of all confirmed prefixes for each mode to w1cu@juno.com to record your accomplishment. Instructions are on the QRZ.com page and you may contact me with any questions or comments.

Spread this information to all stations who have not yet listed their results.

Best 73,
Jonathan - W1CU

NP4G



Resource Page

Useful Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
[/www.dxing.info/dxpeditions/](http://www.dxing.info/dxpeditions/)

DX 425 News
www.425dxn.org/dxped/

DX Italia DX News
www.marioi2mqp.it

DH9SB Weekly DX Calendar
<http://www.dx-info.de>

Southern California Contest Club
<http://www.socalcontestclub.org/>

Sixth District QSL Bureau
www.QSLBureau.org

Propagation

The solar cycle progresses. Is the peak in 2024 or 2025? Only the Shadow knows.

Strongest Cycle Ever?
Biggest Cycle?

Understanding Indices - K9LA

What to Expect During the Rising Years of Solar Cycle 25 - YouTube

The Termination Event | Space-weather.com

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

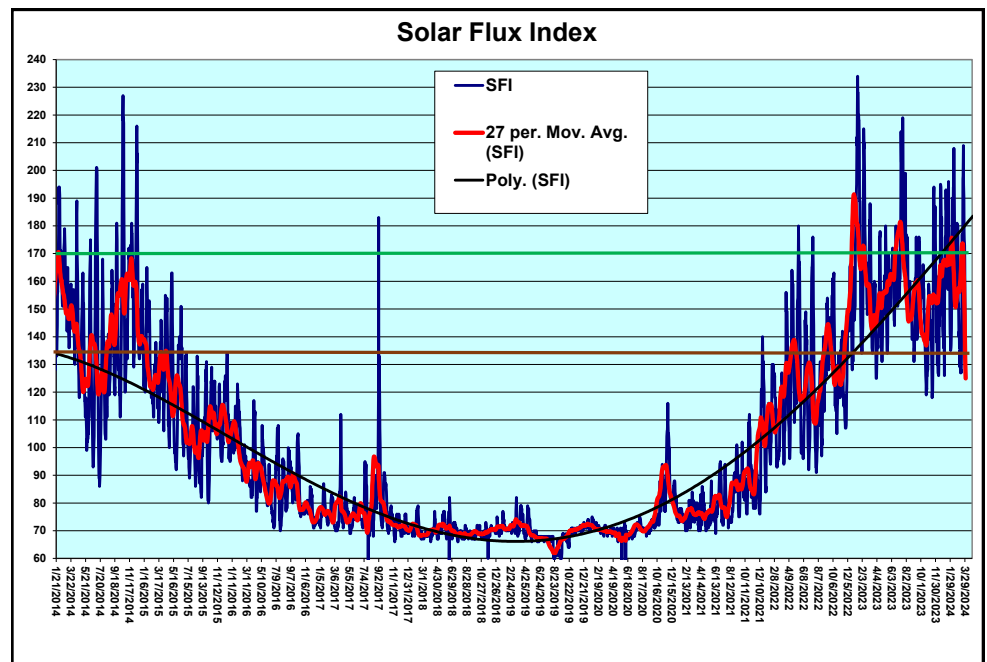
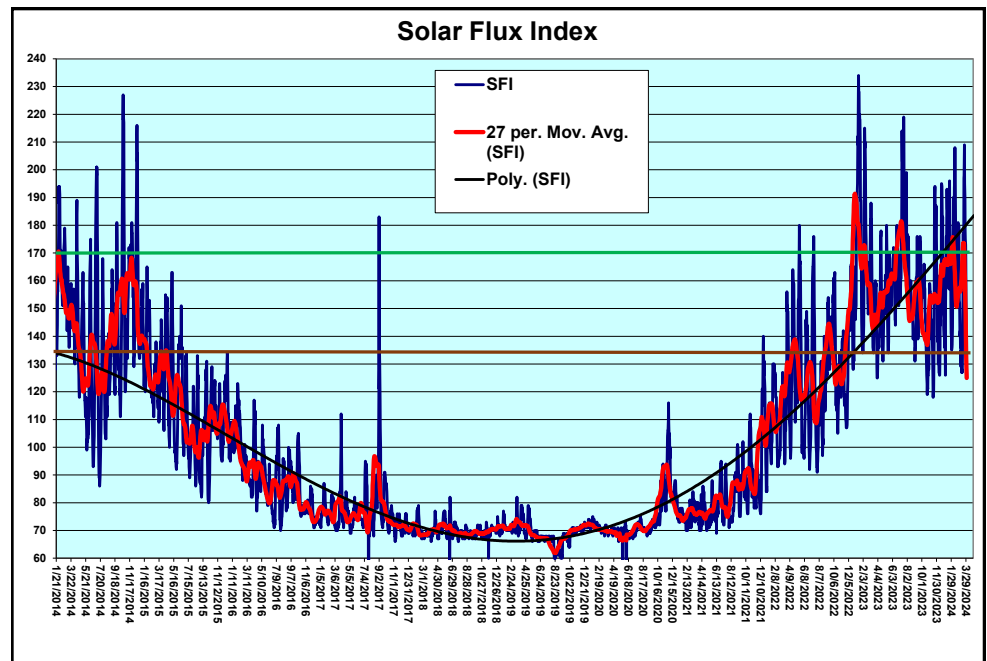
Club and Conduct Sites

Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

<http://www.dx-code.org/>





Store	E-mail	Direct	Toll Free	Fax
Anaheim	ana@hamradio.com	1-714-533-7373	1-800-854-6046	1-714-533-9485
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